

SEQUENCE LISTING

<110> Holzmayer, Tanya
Dunn, Steve

<120> Compositions and Methods for Inhibiting Human
Immunodeficiency Virus Infection by Down-Regulating
Human Cellular Genes

<130> PPD

<140> US

<141> 2000-11-28

<160> 98

<170> PatentIn Ver. 2.1

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gtgagctaag taagc 135

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gcttcttttg tgaaacttgt tt 82

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atcaat 66

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agaaggggct	gagggaggaa	aagccaggaa	actgagatca	gcagagggag	ccaagcatca		120
aaaaacagga	gatgctgaag	ctgcatgac	cagcatcatt	ttcttaagag	aacattcaag		180
gatttgtcat	gatggctggg	ctttcacttg	gtgttaagtc	tacaaacagc	accttcaatt		240
ggaactgtca	attaaagttc	ttaagattta	ggaagtgggtg	gagcttggaa	agttatgaga		300
ttacaaaatt	tctgaaagtc						320

<210> 86
<211> 320
<212> DNA
<213> Homo sapiens

<400> 86							
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gaactttaat	tgacagttcc	aattgaaggt	gctgtttgta	gacttaacac	caagtgaag		120
cccagccatc	atgacaaaac	cttgaatggt	ctcttaagaa	aatgatgctg	gtcatcgag		180
cttcagcatc	tctgtttttt	tgatgcttgg	ctccctctgc	tgatctcagt	ttcctggctt		240
ttctccctc	agcccttctt	cacccttctg	ctgtcctgtg	tagtgatttg	gtgagaaatc		300
gttgctgcac	ccttccccca						320

<210> 87
<211> 123
<212> DNA
<213> Homo sapiens

<400> 87							
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ctgtattcta	gtggctgttc	atgctccaag	acttttagtta	ccgagacatg	aatactatcc		120
atg							123

<210> 88
<211> 123
<212> DNA
<213> Homo sapiens

<400> 88							
catggatagt	attcatgtct	cggttaactaa	agtcttggag	catgaacagc	cactagaata		60
cagttcaata	gtaaaaatac	agtatgtaca	aaattagggt	ttttgtagtt	tttttttttt		120
tcc							123

<210> 89
<211> 110
<212> DNA
<213> Homo sapiens

<400> 89							
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tgctattgtg	gtactocagc	aagaggaaat	atgacactcc	caaaacgaag			110

<210> 90
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 90
 cttcgttttg ggagtgtcat atttcctctt gctggagtac cacaatagca gggggatgcc 60
 gatggaggga agggtcatga ccccaaaggc tgcccagtcc agaaaatgag 110

<210> 91
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 91
 aatcattgtt ttttcctttg taaatgttga ttcagaaaag gaaagcacag gctaagcagt 60
 tgaagggtcc ccaccattca gtgagagcag 90

<210> 92
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 92
 ctgctctcac tgaatggtgg ggaaccttca actgcttagc ctgtgctttc cttttctgaa 60
 tcaacattta caaaggaaaa aacaatgatt 90

<210> 93
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 93
 tcgggagccg cggcttatgg tgcagacatg gccaaagtcca agaaccacac cacacacaac 60
 cagtcccga aatggcacag aaatggatc aagaaacccc gat 103

<210> 94
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 94
 atcgggggttt cttgatacca tttctgtgcc attttcgga ctggttgtgt gtggtgtggt 60
 tcttgactt ggccatgtct gcaccataag ccgcggtcc cga 103

<210> 95
 <211> 82
 <212> DNA
 <213> Homo sapiens

<400> 95
 cgggagccgc ggcttatggt gcagacatgg ccaagtccaa gaaccacacc acacacaacc 60
 agtcccga aa atggcacaga aa 82

<210> 96
 <211> 82

<212> DNA
<213> Homo sapiens

<400> 96
tttctgtgcc attttcggga ctggttggt gtggttggt tcttgactt ggccatgtct 60
gcaccataag ccgcggtcc cg 82

<210> 97
<211> 22
<212> DNA
<213> Homo sapiens

<400> 97
tagggctcga gccgccacca tg 22

<210> 98
<211> 22
<212> DNA
<213> Homo sapiens

<400> 98
atccctgcag gtcactcact ca 22

<210> 99
<211> 67
<212> DNA
<213> Homo sapiens

<400> 99
ggaactccag gtagaatttg gtctgggact tgggtcttcaa tgtggcatag cacctgagaa 60
actcaat 67

<210> 100
<211> 67
<212> DNA
<213> Homo sapiens

<400> 100
attgagtttc tcagggtgcta tgccacattg aagaccaagt cccagaccaa attctacctg 60
gagttcc 67

<210> 101
<211> 98
<212> DNA
<213> Homo sapiens

<400> 101
aggcggagag gatcatgtcc gggaactgcg gggtagtagc gatctgggtt acccagccgt 60
tgtggccctt gagggtgcca cgaagggtca tctgctca 98

<210> 102
<211> 98
<212> DNA
<213> Homo sapiens

<400> 102

tgagcagatg acccttcgtg gcaccctcaa gggccacaac ggctgggtaa cccagatcgc 60
tactaccccg cagttcccgg acatgatcct ctccgcct 98

<210> 103
<211> 172
<212> DNA
<213> Homo sapiens

<400> 103
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gccacagttt ttcaaccggg caatttcagc agtcagagat ttaatctctt cttcctgctg 120
cagcagccgc ggggagcact cagacatcag tacgtccatc ctcccatcag cg 172

<210> 104
<211> 172
<212> DNA
<213> Homo sapiens

<400> 104
cgctgatggg aggatggacg tactgatgtc tgagtgtccc gcgcggctgc tgcagcagga 60
agaagagatt aaatctctga ctgctgaaat tgaccgggtg aaaaactgtg gctgtttagg 120
agcttctccg aatttgagc agttacaaga agaaaattta aaattaaagt at 172

<210> 105
<211> 107
<212> DNA
<213> Homo sapiens

<400> 105
tttgtcgact ggcctagggtg cagggtggtg gtaggctcat ccaggagcag catgaagggc 60
cgaataaaga gggctctggc aagggaacc ctcctcctcc agctcac 107

<210> 106
<211> 107
<212> DNA
<213> Homo sapiens

<400> 106
gtgagctgga ggatgagggt tgcccttgcc agagccctct ttattcggcc cttcatgctg 60
ctcctggatg agcctaccaa ccacctgcac ctaggccagt cgacaaa 107

<210> 107
<211> 295
<212> DNA
<213> Homo sapiens

<400> 107
tttgtcgacc gtttctgtgc agaaagggct ctggagagat gttcatagca gcacacacct 60
ggcgctcttc ttcggttctg gaggtccag ggcagccaat attgcttctg caaatacatt 120
ctttaggcct ttctgtgtaa gtgcagaaca ctccacatac ttgacagcct tcaggtcacg 180
ggccagcttt tcagcagtct ctggagtgat aggcttctgt ttgttcttgg caagtttctc 240
aatagtagag gggatcatctc tgagatcaat ttgagtccca acaagcaagt cgaca 295

<210> 108
<211> 295
<212> DNA

<213> Homo sapiens

<400> 108

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acttgccaag	aacaaataga	agcctatcac	tccagagact	gctgaaaagc	tggcccgtga	120
cctgaaggct	gtcaagtatg	tggagtgttc	tgcacttaca	cagaaaaggcc	taaagaatgt	180
atttgacgaa	gcaatattgg	ctgccctgga	gcctccagaa	ccgaagaaga	gccgcagggtg	240
tgtgctgcta	tgaacatctc	tccagagccc	tttctgcaca	gaaacggtcg	acaaa	295

<210> 109

<211> 188

<212> DNA

<213> Homo sapiens

<400> 109

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gccaccatgt	tttcgttgtg	tgtgagcagg	gaagggaact	ttcctgcctt	atttagacct	120
gggccgagga	ttcgtggaat	ctgcttgatc	agagactctg	aggccaaaaa	cgcatacatac	180
ttcttggt						188

<210> 110

<211> 188

<212> DNA

<213> Homo sapiens

<400> 110

accaagaagt	atgatgcgtt	tttggcctca	gagtctctga	tcaagcagat	tccacgaatc	60
ctcggcccag	gtctaaataa	ggcaggaaag	ttcccttccc	tgctcacaca	caacgaaaac	120
atggtggcca	aagtggatga	ggtgaagtcc	acaaccaagt	tccaaatgaa	gaaggcgatg	180
tcgacaaa						188

<210> 111

<211> 170

<212> DNA

<213> Homo sapiens

<400> 111

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actgagacat	cctctgtcgg	gttggccccc	gtgttatatt	tcgccatgag	ggactttaca	120
tctgcctttc	cattctacaa	acatagggaa	caaaaaatag	ctgagagaca		170

<210> 112

<211> 170

<212> DNA

<213> Homo sapiens

<400> 112

tgtctctcag	ctattttttg	ttccctatgt	ttgtaggatg	gaaaggcaga	tgtaaagtcc	60
ctcatggcga	aatataacac	ggggggcaac	ccgacagagg	atgtctcagt	taatagccga	120
cccttcagag	tcacagggcc	aaactcatct	tcaggaatac	aagcgagaaa		170

<210> 113

<211> 127

<212> DNA

<213> Homo sapiens

<400> 113

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ggctctccttg gaagacagggt ctgatgtttg gccaatccag tccttcagac cctgtctgaa 120
acttgta 127

<210> 114
<211> 127
<212> DNA
<213> Homo sapiens

<400> 114
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ggagaccaag tcctgggtac atcccagcct gtgggttacag tgcagacagg ccatgtgagc 120
caccggc 127

<210> 115
<211> 79
<212> DNA
<213> Homo sapiens

<400> 115
gtcgaccttc ctctttaccg tccaccagct cacacagtgg ggtagctggc tgctgaggca 60
attccacaat ggtttctct 79

<210> 116
<211> 79
<212> DNA
<213> Homo sapiens

<400> 116
agagaaacca ttgtggaatt gcctcagcag ccagctaccc cactgtgtga gctgggtggac 60
ggtaaagagg aaggtcgac 79

<210> 117
<211> 68
<212> DNA
<213> Homo sapiens

<400> 117
tttaaaggga cagcttcgaa gacatttcca tctggtatac ttcactagtt agcaatgccc 60
aggaatgc 68

<210> 118
<211> 68
<212> DNA
<213> Homo sapiens

<400> 118
gcatttcctgg gcattgctaa ctagtgaagt ataccagatg gaaatgtctt cgaagctgtc 60
cctttaaa 68